

Better Plants Program

The U.S. Department of Energy's (DOE's) Better Buildings, Better Plants Program is a voluntary partnership initiative to drive significant energy efficiency improvement across energy intensive industrial companies and organizations. 233 leading manufacturers and public water and wastewater treatment utilities are partnering with DOE through Better Plants to improve competitiveness, drive energy efficiency, and save money.

Partner Benefits

Manufacturers and public water utilities in the Better Plants Program set energy saving goals, usually 25% over 10 years. They receive:

- ▶ **National Recognition** to highlight their leadership including a feature on the Department's website and invitations to special events. Partner success stories are also highlighted in DOE newsletters and other publications.
- ▶ **Technical Support** through a dedicated Technical Account Manager (TAM) who helps partners establish energy baselines, develop energy management plans, identify energy-saving and energy-recovery opportunities, and track energy performance metrics. TAMs also guide partners in the use of DOE's energy performance tools and connect them to additional resources at the federal, state, or local level.
- ▶ **In-Plant Trainings** are unique 2- to 4-day events, led by experts in energy intensive processes who train plant staff to establish energy management systems, conduct plant assessments, analyze pump and aeration processes, use DOE tools, and implement cost-effective projects. Better Plants Partners can apply to host or participate in these special training events.
- ▶ **Energy Saving Resources** are available to Better Plants Partners on a facilitated basis. These resources include free energy audits for qualifying facilities, free combined heat and power (CHP) screenings, energy analysis software tools, and peer-to-peer networking opportunities.
- ▶ **Additional Opportunities** are open to partners to deepen and expand their commitment to energy efficiency. Partners can take advantage of Technology Days at National Laboratories to learn about and leverage advanced R&D or access a variety of energy measurement tools through the Diagnostic Equipment Program. Forty-three organizations (underlined on page 2) have also stepped up to the Better Plants Challenge, and are demonstrating enhanced transparency around their energy performance data and best practices. Additionally, DOE is working with a select group of partners on separate initiatives targeting supply chain energy efficiency and water savings.

Better Plants Snapshot

| Accomplishments | Total |
|--|-------|
| Number of Partner Companies | 235+ |
| Approximate Number of Plants | 3,200 |
| Percent of U.S. Manufacturing Energy Footprint | 12% |
| Reported Savings through 2018 | |
| Cumulative Energy Savings (QBtu) | 1.7 |
| Cumulative Cost Savings (Billions) | \$8.2 |
| Average Annual Energy Intensity Improvement Rate | 2.5% |

How to Join the Program

Joining the Better Plants Program is easy. Contact the Better Plants team via e-mail at BetterPlants@ee.doe.gov to receive the voluntary commitment form. Return the form, signed by your CEO or senior executive. From there, DOE will organize a call with your company to kick off the partnership.

Better Plants Partners as of October 2020

- 3M*
- AbbVie Inc.
- Agropur
- Alcoa Inc.
- Alexandria Renew Enterprises
- Alumalloy Metalcastings
- Amcor Rigid Plastics
- American Mitsuba Corp.
- ArcelorMittal USA*
- Archer Daniels Midland (ADM)
- Armstrong Flooring
- Asama Cold Manufacturing
- AstraZeneca
- AT&T*
- Autoliv
- Avon Lake Regional Water
- Ball Corporation
- BD
- Bendix Commercial Vehicle Systems
- Bentley Mills*
- Boardman Foods
- Bosch Rexroth
- BPM, Inc.*
- Bradken*
- Bridgestone Americas, Inc.
- Briggs & Stratton Corporation
- Bristol-Meyers Squibb
- Bucks County Water and Sewer Authority*
- C. F. Martin & Company*
- CalPortland Company*
- Campbell Soup Company
- Cardington Yutaka Technologies*
- Carlton Forge Works
- Cascade Engineering Technologies, Inc.
- Celanese Corporation*
- Chapco Inc.
- Charleston Water System
- Charter Steel*
- Chippewa Valley Ethanol Company
- Citrus World, Inc.
- City of Fort Wayne – City Utilities
- City of Grand Rapids Water Resource Recovery Facility
- City of Phoenix Water Services Department
- City of Roseville, Environmental Utilities Department
- Clearwater Engineering, Inc.
- Co-Operative Industries Aerospace and Defense
- Coilplus Inc.
- Comau LLC*
- Commercial Metals Company
- Commercial Vehicle Group
- Cooper Standard
- Cummins, Inc.*~
- Custom Glass Solutions
- Daikin Applied Americas*
- Darigold
- Delta Diablo
- Denison Industries
- Des Moines Water Works
- Deschutes Brewery
- Didion Milling
- Dixline Corporation
- Donsco Inc.
- DOW Chemical
- DSM North America
- Durable Products
- Durex Inc.
- EARTH2O
- Eastman Chemical Corporation
- East Penn Manufacturing, Inc.
- Eaton Corporation*
- Eck Industries
- Electrolux
- Encina Wastewater Authority*
- Estée Lauder
- Expera Specialty Solutions*
- Fiat Chrysler Automobiles
- Flambeau River Papers
- Flowers Foods
- FMC Corporation
- Ford Motor Company
- GB Manufacturing
- General Aluminum Manufacturing Company
- General Dynamics Ordnance and Tactical Systems Scranton Operation*
- General Electric
- General Mills*
- General Motors~
- General Stamping and Metal Works, Inc.
- Gibraltar Industries
- GKN Aerospace
- Golden Renewable Energy, LLC
- Goodyear Tire and Rubber Company, U.S. Tire Plants
- Graham Packaging
- Graphic Packaging*
- HARBEC, Inc.*
- Harley-Davidson
- Harrison Steel Castings Co.
- Harva Company
- Haynes International
- HNI Corporation
- Holcim (US) Inc.*
- Honda North America
- Huntsman Corporation
- Imerys Carbonates North America
- Ingersoll Rand*
- Ingevity*
- Intel
- International Paper
- Intertape Polymer Group
- Intralox LLC
- Ithaca Area Wastewater Treatment Facility
- J.R. Simplot*
- JBT Corporation*
- Jedco, Inc.
- Johnson & Johnson*
- Johnson Controls*
- Johnson Matthey Emission Control Technologies Division
- Kent County Department of Public Works
- Kenworth Truck Company
- Kingspan Insulated Panels, Inc.*
- Krage Manufacturing
- KYB Americas Corporation
- L'Oréal USA
- Land O' Lakes
- Leggett & Platt
- Legrand North America*
- Lennox International*
- Lineage Logistics
- Lockheed Martin
- Los Angeles Bureau of Sanitation
- Los Angeles Department of Water & Power
- Lynam Industries Inc.
- Magnetic Metals Corp.
- MAHLE Engine Components USA, Inc.
- Manitowoc Grey Iron Foundry
- Mannington Mills
- Marquis Energy
- Marquis Energy Wisconsin
- Massachusetts Water Resources Authority
- MB Aerospace East Granby
- McCain Foods USA, Inc.
- McWayne Inc
- MEKRA Lang
- Metal Industries, Inc.*
- Miami-Dade Water and Sewer Department
- Michels Corporation
- Mitsubishi Electric Automotive America
- Mohawk Industries
- Mulgrew Aircraft Components, Inc.
- Narragansett Bay Commission*
- Navistar International*
- ND Paper Inc.
- Neenah Foundry
- NEW Water (Green Bay Metropolitan Sewerage District)*
- Newman Technology
- Nissan North America, Inc.*
- Novati Technologies
- Novelis Inc.
- NSK Americas
- NY DEP – Bureau of Wastewater Treatment
- O'Fallon Casting
- Occidental Chemical Corporation
- OFD Foods, Inc.
- OMNOVA Solutions Inc.
- Orange Water and Sewer Authority
- Oshkosh Corporation
- OSRAM SYLVANIA*
- Pactiv
- PaperWorks Industries
- Parker Hannifin
- Patrick Cudahy, Inc.*
- Patriot Foundry & Castings*
- PepsiCo
- Pharmavite
- Philadelphia Water Department
- Pima County Wastewater Reclamation Department
- Plastics Engineering Company (Plenco)
- PPC Broadband
- PPG Industries
- Procter & Gamble*
- Quad/Graphics, Inc.
- Raytheon Technologies
- Research Electro-Optics
- Richmond Industries Inc.
- Roche Diagnostics Operations*
- Rowley Spring and Stamping
- Saint-Gobain Corporation
- Saputo Dairy Foods
- Savage Precision Fabrication
- Schneider Electric*
- Sears Seating
- Selmet, Inc.
- Shape Corporation
- Shaw Industries Group, Inc.*
- Sheboygan Regional Wastewater Treatment Facility
- Sherwin-Williams*
- Silgan Closures
- Silgan Containers
- Silgan Plastic Food Containers
- Solberg Manufacturing, Inc.
- Sony DADC
- Southwest Cheese
- Spirax Sarco, Inc.
- St. Petersburg Water Resources Department
- Stanley Spring & Stamping Corporation
- Steelcase, Inc.
- Sugar Creek Packing Company
- SunOpta, Inc.
- TE Connectivity*
- Tenaris
- Texas Instruments*
- Texas Nameplate Co.
- Textron
- ThyssenKrupp Elevator*
- TitanX Engine Cooling, Inc.
- Toyota Motor Engineering and Manufacturing North America*
- TPC Group
- Tri-State Plastics, Inc.
- Tyson Foods
- United Mechanical and Metal Fabricators
- Valmont Industries
- Vanguard Space Technologies
- Vermeer
- Verso Paper Corporation*
- Victor Valley Wastewater Reclamation Authority*
- Vitro Architectural Glass
- Volvo Group North America*
- W. L. Gore and Associates
- Waupaca Foundry
- Weber Metals Inc.
- Western Lake Superior Sanitary District
- WestRock
- Weyerhaeuser*
- Whirlpool Corporation
- Xerox
- Zimmer Biomet

KEY

Bold – Better Plants Challenge Partner

Asterisk* – Energy Goal Achiever

Tilde ~ – Water Goal Achiever